# ÖKO-LAVAMAT 72620 update

The environmentally friendly washing machine

Instruction book



#### Dear customer,

Please read these user instructions carefully.

Above all, observe the "Safety" section in the first pages. Keep these user instructions in a safe place for future reference. Please pass them along to future owners of the appliance.



Important information concerning your safety and proper functioning of the appliance is highlighted with the warning triangle or the signal words (Warning!, Caution!, Attention!). Please observe carefully.

■ 1. This symbol guides you step by step when operating the appliance.

2. ...



Next to this symbol you receive additional information and practical tips on using the appliance.



Tips and information about the economical and environmentally friendly use of the machine are marked with the clover.

These user instructions include tips for the correction of possible malfunctions by the user. See the section "What to do when...".

Our customer service department is at your disposal should technical problems occur. See also the "Service" section.

Printed on paper manufactured with environmentally sound processes. He who thinks ecologically acts accordingly ...

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### OPERATING INSTRUCTIONS



## Safety

The safety standards of AEG electric appliances are in keeping with the recognised rules of technology and the law governing the safety of appliances. Nevertheless as a manufacturer we are committed to familiarise you with the following safety instructions:

### Prior to initial start-up

- Observe the "Installation and Connection Instructions" below in these user instructions
- If the appliance is delivered during the winter and temperatures are below freezing, allow the appliance to stand at room temperature for 24 hours before operation

#### Intended use

- The washing machine is intended exclusively for the washing of normal household washing in the home. If the appliance is used for purposes other than those intended, or if it is improperly operated, the manufacturer can assume no liability for damages which may occur.
- Additions or modifications to the washing machine are strictly forbidden due to safety reasons.
- Use only those detergents which are suitable for the washing machine. Observe instructions provided by the detergent manufacturer.
- Laundry to be washed may not contain any flammable solvents. This must also be taken into consideration when washing pre-washed laundry.
- Do not use the washing machine for dry-cleaning.
- Dyes and bleaches may only be used in the washing machine if such use has been expressly endorsed by the manufacturer of these products. We can assume no liability for damages which may occur.
- Use tap water only. Rain water and industrial water may only be used if they fulfil requirements in accordance with DIN 1986 and DIN 1988.
- Damage due to frost is not covered by the guarantee! If the washing machine is located in a room in which below freezing temperatures might occur, emergency draining must be carried out if danger of freezing occurs (see "Emergency Draining"). Furthermore, the inlet hose must be disconnected from the tap and laid on the floor.

### Safety of children

- Packaging materials (e.g. sheet and Styrofoam) can be dangerous for children. Danger of asphyxiation! Keep packaging materials at a safe distance from children.
- Children are often unable to recognise the dangers involved with electrical appliances. Provide for proper supervision during operation, and do not allow children to play with the washing machine the danger exists that a child might lock itself into the appliance.
- Make certain that children or small animals do not climb into the drum of the washing machine.
- If the washing machine needs to be disposed of, remove the mains plug, destroy the door lock, cut off the electrical cable and dispose of the plug and remaining cable separately. In this way children are prevented from locking themselves in and are not exposed life threatening danger.

### **General safety**

- Repairs to the washing machine may only be carried out by trained personnel. Improper repairs can lead to extreme danger. If repairs are required, contact our customer service department or your authorised dealer.
- Never place the washing machine into operation if the power cable is damaged or the control panel, the countertop or the base are damaged to such an extent that the inside of the machine is accessible.
- Switch off the washing machine before cleaning, maintenance and servicing. In addition, pull out the mains plug or – in the case of permanent connection – pull the circuit breaker, or completely remove screw type fuses.
- Never remove the mains plug by pulling on the cable. Always grip the plug.
- Octopus plugs, couplings and extension cables may not be used. Danger of overheating!
- Do not clean the washing machine with a jet stream of water. Danger of electrical shock!
- When high temperature washing programs are selected, the glass in the fill-in door becomes hot. Do not touch!
- Allow the wash-water to cool before emergency draining of the appliance, cleaning of the circulation pump or emergency opening of the door.

• Small animals may gnaw at electrical power cables and water hoses. Danger of electrical shock and water damage! Keep small animals away from the washing machine.



## **Disposal**

#### Dispose of the packaging!

Dispose of washing machine packaging materials properly. All packaging materials are environmentally sound and can be safely disposed of, or burned in a refuse incineration plant.

The plastic parts can be reused:

- The external plastic cover and the bags inside are made of polyethylene (marking >PE<).
- The padding is made of CFC free expanded polystyrene (marking >PS<).

Corrugated components are made from recycled paper and should be disposed of at a paper recycling station.

#### Dispose of your old appliance!

If, at some point in time, the service life of the appliance has expired, please take it to your nearest recycling centre, or to your appliance dealer, who will accept the old appliance for a minimal fee.

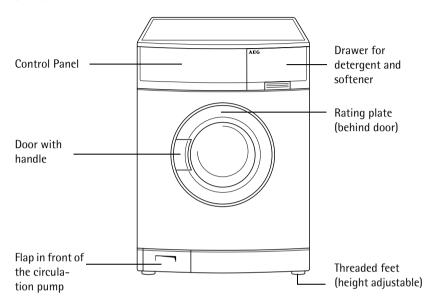
## \*

## **Environmental protection tips**

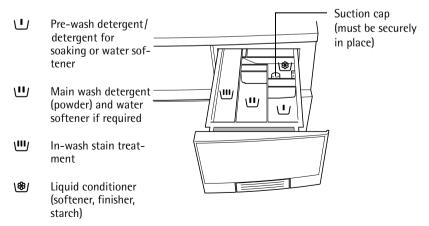
- No pre-wash is required for normally soiled washing. This saves you detergent, water and time (and is good for the environment!).
- If the indicated load capacities are taken full advantage of, the washing machine is especially efficient.
- For small loads, use only one half to one third of the recommended detergent quantity.
- Stains and soiling confined to given areas can be removed by means of appropriate pre-treatment. You can then wash at lower temperatures.
- Wash lightly to medium soiled cottons with the energy saving program.
- Softeners are often not required. Try it! If you use a dryer, your washing will be soft and fluffy, even without softeners.
- A water softener should be used for water within a hardness range of mid to high (as of hardness level II, see "Detergents and Conditioners"). Detergent can then always be dosed for water hardness level I (= soft).

## **Description of the Appliance**

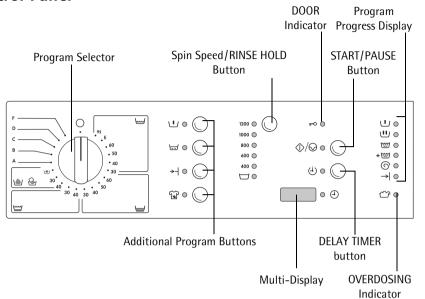
### **Front View**



### Drawer for detergent and conditioner



#### **Control Panel**

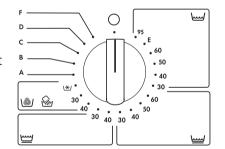


### **Program Selector**

The program selector defines the nature of the washing cycle (e.g. water level, drum movement, number of rinses, spin speed) to suit the type of washing, as well as the wash temperature.

#### (0FF)

Switches the washing machine off, the machine is switched on at all other positions.



#### (COTTONS/LINEN)

Main washing cycle for cottons/linen.

Temperature: 30 °C to 95 °C.



ENERGY SAVING position **E**: Energy saving program at approx. 67 °C for lightly to normally soiled cottons, extended washing time. (cannot be combined with  $\rightarrow$  (QUICK WASH) and  $\bigcirc$  (STAIN)).

#### (EASY-CARES)

Main washing cycle for easy-care fabrics.

Temperature: 30 °C to 60 °C.

#### ₩ (DELICATES)

Main washing cycle for delicates. Temperature: 30 °C or 40 °C.

### 

Main washing cycle (\\(\frac{\tag{\tag{N}}}{\tag{I}}\)/COLD to 40 °C) for machine washable woollens as well as for hand washable woollen fabrics and silk with the (hand washing) care symbol.

#### A (GENTLE RINSE)

Separate gentle rinse, e.g. for rinsing hand washed fabrics (2 rinses and a short spin).

#### **B** (STARCHING)

Separate starching, separate softening, separate conditioning of wet washing (1 rinse, liquid conditioner is washed in from the \blacktriangleright) compartment, and a spin).

#### C (PUMP OUT)

Pump out the water at the end of a rinse hold (without spinning).

#### D (SPIN)

Pump out the water at the end of a rinse hold and spin, or separate spinning of hand washed cottons/linen.

#### F (SHORT SPIN)

Pump out the water at the end of a rinse hold and short spin, or separate short spinning of delicate fabrics (easy-cares, delicates, woollens).

### **Additional Program Buttons**

The additional program buttons are used to adapt the washing program to suit the degree of soiling of the washing. Additional programs are not required for normally soiled washing. The different functions can be combined together



#### (PRE WASH)

depending on the program.

Cold pre wash prior to the subsequent main washing cycle that follows automatically.



#### **└** (SOAKING)

Approx. 1 hour at 40 °C. Can be lengthened to a maximum of 19 hours using the (i) (DELAY TIMER button). The main washing program then follows automatically.

#### → (QUICK WASH)

Shortened main washing cycle for lightly soiled washing.

### (STAIN)

For treating heavily soiled or stained washing. (In-wash stain treatment is washed in from the '''' compartment at the optimal point in the program cycle.)

When the (WOOLLENS/HAND WASHING) setting is chosen, the additional programs cannot be selected (any buttons pressed do not have any effect).

## **Consumption Data and Time Required**

The values given in the following table for selected programs were calculated under standard conditions. They provide a useful guide for operation in the home.

Program Selector/Temperature	Load in kg	Water in Litres	Energy in kWh	Time in Minutes
(COTTONS/LINEN) 95	5	49	1,70	121
(COTTONS/LINEN) 60 1)	5	49	0,94	110
(COTTONS/LINEN) 40	5	49	0,60	100
(EASY-CARES) 40	2.5	54	0,50	82
(DELICATES) 30	2.5	53	0,40	65
(WOOLLENS/HAND WASHING) 30	2	53	0,28	37

<sup>1)</sup> Note: program setting for testing in accordance with EN 60 456

## What does "update" mean?

New fabrics or new detergents could, in the future, require a new washing technique (e. g. an additional rinse, more water to wash in the detergent, ...).

Your washing machine is prepared for this eventuality. The controller is fully electronic. The software in which the controller is defined can be re-programmed.

If a new state of the art is achieved in washing technology, you can bring your washing machine up to the latest standard with an update. For more information concerning updates, please contact customer service. Customer service can also inform you of the costs involved in an update..

## Before washing the first time

- 1. Pull the detergent drawer a short distance out of the control panel.
  - **2.** Pour about 1 litre of water through the detergent drawer and into the washing machine. This is required in order to seal the wash-water container so that the ECO valve can function properly.
  - 3. Run a washing cycle without any washing (السيا/COTTONS 95, with detergent quantity cut in half).

    This serves to remove residues resulting from production of the appliance from the drum and the wash-water container.

## Prepare washing cycle

### Sort washing and prepare

- Sort washing according to care symbol and type (see "Washing types and care symbols").
- Empty all pockets.
- Remove metal objects (paper clips, safety pins etc.).
- In order to prevent bunching up of washing and damage to washing, close zippers, button up duvets and pillow cases, and tie up loose ends from, for example, aprons.
- Turn articles with double layered textiles inside out (sleeping bags, anoraks etc.).
- Coloured, knitted fabrics, as well as wool and textiles with appliqués should be turned inside out.
- Place small and delicate articles (baby booties, stockings, bras etc.) into a washing net, a pillow case with zipper, or in large socks before washing.
- Treat net curtains particularly carefully. Remove metal curtain rail rollers or burred plastic rollers, or wrap these in a net or bag.
   We cannot accept any liability for damage.
- Do not wash coloured and white washing together. White washing will otherwise turn grey.
- New, coloured washing often contains excessive dye. Wash these items separately the first time.
- Mix small and large articles of washing! This improves washing efficiency, and the washing is more favourably distributed during the spin cycle.

- Fluff washing before placing into the washing machine.
- Do not place folded washing into the drum.
- Observe tips for proper care such as "wash separately" and "wash separately several times"!.

### Washing types and care symbols

Care symbols assist in the selection of the correct washing program. Washing should be sorted according to type and care symbol. The temperatures indicated in the care symbols are maximum temperatures.

#### Cottons \(\) 95/

Textiles made from cotton and linen which bear this care symbol are insensitive to mechanical stress and high temperatures. The (COTTONS/LINEN) program is appropriate for this type of washing.

#### Linen 60 40

Textiles made from cotton and linen which bear these care symbols are insensitive to mechanical stress. The (COTTONS/LINEN) program is appropriate for this type of washing.

#### 

Fabrics such as treated cottons, cotton mixtures and synthetics with this care symbol need to be handled carefully in machines. The (EASY-CARES) program is suitable for this type of washing.

### Delicates 40

Fabrics such as those with layered fibres, micro-fibres, as well as synthetics and net curtains with this care symbol require particularly careful handling. The (DELICATES) program is suitable for this type of washing.

## Wool and particularly delicate washing 🚳 💆 🖆

Textiles such as wool, wool mixtures and silk which bear these care symbols are especially sensitive to mechanical stress. The (WOOL/HAND WASHABLES) program is appropriate for this type of washing.

**Important!** Fabrics with this care symbol (Do Not Wash!) must not be washed in the washing machine!

### **Detergent and conditioner**

### Which detergent and conditioner?

Use only detergents and conditioners which are suitable for use in washing machines. Always observe the manufacturer's instructions.

### How much detergent and conditioner?

The required quantity depends upon:

• the amount of washing



If the detergent manufacturer does not include dosing instructions for reduced loads, use one third less for half loads and only half of the full load detergent quantity for very small loads.

- extent of soiling of the washing
- hardness of tap water

Observe instructions for use and dosing provided by the detergent and conditioner manufacturer.

### **Using Water Softener**

In the case of medium to very hard water (from hardness band II) water softener should be used. Observe the manufacturer's instructions! Then always use detergent dosing for hardness band I (= soft). Information on the hardness of the water in your area is provided by your local water board.



Due to the fact that the water softener is added before the main wash detergent (pre-softening of the water), only eighty percent of the quantity of water softener indicated on the package is required.

#### Information on Water Hardness

Hardness Band	Water hardness in °dH (German hardness scale)	Water hardness in mmol/l (millimol per litre)
I – soft	0 – 7	to 1.3
II – medium-hard	7 – 14	1.3 - 2.5
III – hard	14 – 21	2.5 - 3.8
IV – very hard	greater than 21	greater than 3.8

## **Performing A Washing Cycle**

#### **Brief Instructions**

A washing cycle is performed in the following steps:

- **1.** Set the correct washing program:
  - select the program and the temperature with the program selector
  - select additional program(s) if required
  - **2.** If required, change the spin speed/select RINSE HOLD.
  - 3. Set the (4) (DELAY TIMER) if necessary.
  - 4. Open the door, load the washing.
  - **5.** Close the door.
  - 6. Add detergent/conditioner.
  - 7. Start the washing program.

#### At the end of the washing program:

**Important!** If the washing cycle ends with a rinse hold, perform either **C** (PUMP OUT), **D** (SPIN) or **F** (SHORT SPIN) before opening the door.

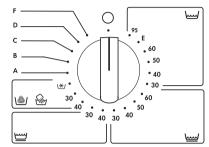
- **8.** Open the door, remove the washing.
- **9.** Switch off the washing machine: set the program selector to  $\bigcirc$  (OFF).

### **Setting the Washing Program**

See "Program Tables" for a suitable program, correct temperature and possible additional programs to suit the type of washing.

Set the program selector to the desired program and the desired temperature.

The expected duration of the program selected is displayed on the multi-display in minutes.



If required select additional program(s):
The indicators for the additional programs selected illuminate.

- To change the selection press another button.
- To cancel a selection, press the button again.

### **Changing Spin Speed/Selecting Rinse Hold**

If necessary change the spin speed for the final spin/select rinse hold:
press the spin speed/ (RINSE HOLD) button
repeatedly until the indicator of the required spin
speed or
(RINSE HOLD) illuminates.

With (RINSE HOLD) the washing stays in the final

rinse water, it is not spun.

If you do not change the spin speed, the final spin will be automatically

adjusted to suit the washing program:

- \( \( \) (COTTONS/LINEN) \( \) 1200 revolutions per minute

- <u>ww</u> (COTTONS/LINEN)

- <u>ww</u> (EASY-CARES)

1000 revolutions per minute

1000 revolutions per minute

- WOOLLENS/Hand Washing) 1000 revolutions per minute

The speed for the intermediate spin is dependent on the program selected and cannot be changed.

i

### **Setting the Delay Timer**

If necessary set the delay timer: press the (1) (DELAY TIMER) button repeatedly until the desired time delay is displayed in the multi-display, for example 12h for a 12 hour delay start of the program.





If 19h is displayed and you press the button again, the duration of the washing program set appears (displayed in minutes, e.g. 119). In this condition the start delay timer is not set.

If the (SOAKING) option is selected the delay timer determines the soaking time. (Without delay timer the soaking time is approx. 1 hour.)

### **Opening and Closing the Door**

Opening: pull the handle on the door.

Closing: press the door firmly



When the appliance is switched on, the ←o (DOOR) indicator shows whether the door can be opened:

- green light = The door can be opened
- light offThe door cannot be opened at the moment
- red light = The door is open

### Loading the Washing

- See "Program Tables" for maximum loads. information about the correct preparation of the washing see "Washing Types and Care Symbols".
- **1.** Sort and prepare washing according to type.
  - **2.** Open the door: pull the handle on the door.
  - 3. Put the washing in the machine.
    Important! Do not trap any washing when closing the door! The fabrics and the machine could be damaged!
  - 4. Close the door firmly.

### Add detergent/conditioner

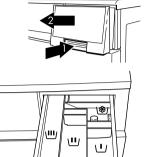
- For instructions concerning detergents and conditioners see "Detergents and Conditioners".
- 1. Open drawer: press in the flap on the drawer so as to be able to grasp the handle (1), pull out the drawer (2).
  - 2. Add detergent/conditioner.
- Pre wash detergent/detergent for soaking (for additional programs \\_J/PRE WASH, \\_\_J/SOAKING), or water softener.
- Powder detergent
  (if you use a water softener and need compartment for the pre-wash/softener, add the water softener to the detergent in compartment ...)
- Stain remover (only with additional program (S/STAIN)
- Liquid conditioner (softener, finisher, starch)

  Attention! Fill the compartment at the most up to the MAX mark.

  Thick liquid detergents are eventually diluted up to the MAX mark, powdered starch is dissolved.
  - 3. Push in the drawer all the way.

#### When using liquid detergents:

Add liquid detergent with dosing containers provided by the detergent manufacturer. Observe instructions on detergent package.



### **Starting the Washing Program**

- 1. Check whether the water tap is open.
  - 2. Start the washing program: press the ♦/♦ (START/PAUSE) button.



The washing program is started, or starts at the end of the time delay set.



If the  $\rightarrow$  (DOOR) indicator flashes red when the  $\diamondsuit/\diamondsuit$  (START/PAUSE) button is pressed, the door is not properly closed. Close the door firmly and press the  $\diamondsuit/\diamondsuit$  (START/PAUSE) button again.

#### If the delay timer has been set:

The start time delay set on the delay timer counts down; the time remaining until the program starts is displayed on the multi-display (in whole hours remaining). During this time you can add washing, change or stop the delay timer.

- Adding washing: press the ◆/♦ (START/PAUSE) button, the door can be opened. Then close the door and press the ◆/♦ (START/ PAUSE) button again.
- Changing or stopping delay timer: press the (i) (DELAY TIMER) button repeatedly until the desired time is displayed; when the program duration is displayed (display in minutes, e.g. 119), the washing program starts without delay.

### **Washing Program Sequence**

#### **Program Progress Display**

Prior to the start, the program steps chosen are displayed on the program progress display. During the washing program, the current program step is displayed.

(Pre-Wash)	
(Main Wash)	<b>Ⅲ</b> ○
(Rinse)	
(Rinse+)	+ 🚟 🔾
(Spin)	(S) (C)
(End)	$\rightarrow$

#### Multi-Display

The expected time remaining (in minutes) to the end of the program is displayed on the multi-display.



Counting down of the remaining time may be stopped or corrected by the washing machine controller as a result of automatic adjustments to the program (amount of washing, washing type, imbalance detection, special rinse cycle, etc.).

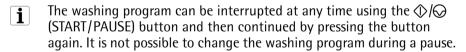
#### **Changing the Spin Speed**

The spin speed can be changed or  $\ \Box \$  (RINSE HOLD) set during the washing program.

Other settings cannot be altered.

#### **Stopping the Program**

To stop the washing program early, turn the program selector to  $\bigcirc$  (OFF).



### Washing Cycle Complete/Removing the Washing

Once the washing program has come to an end,  $\rightarrow$  (END) illuminates on the program progress display.

If  $\square$  (RINSE HOLD) was selected, the indicator beside the  $\lozenge/\lozenge$  (START/PAUSE) button flashes.

- 1. After a RINSE HOLD, the water must first be pumped out:
  - Press either the ◆/♦ (START/PAUSE) button (the washing will be spun in accordance with the program which has just been completed; the spin speed can also be changed during spinning using the spin speed/☐ (RINSE HOLD) button), or
  - turn the program selector to C (PUMP OUT), and press the ◆/→
     (START/PAUSE) button (the water is pumped out without spinning),
     or
  - turn the program selector to **D** (SPIN) or **F** (SHORT SPIN), and press the ◆/♦ (START/PAUSE) button (the washing will be spun or short spun).

At the end of this program step, the END indicator will illuminate.

- 2. Open the door.
  As soon as the  $\rightarrow$  (DOOR) indicato
  - As soon as the  $\rightarrow$  (DOOR) indicator is green, the door can be opened.
- **3.** Turn the program selector to  $\bigcirc$  (OFF).
- 4. Remove the washing.
- **5.** Close the water tap.
- **6.** Pull the detergent drawer out a little after washing so that it can dry out. Leave the door ajar so that air can circulate in the washing machine.
- If the (\*\*) (OVERDOSING) indicator illuminates, then too much detergent was used in the washing program just completed, and as a result an additional rinse performed. Next time you use the machine, observe the detergent manufacturer's dosing instructions for the load to be washed!

**Important!** If the washing machine is not to be used for a long period: close the tap and isolate the washing machine from the mains.

## **Program Tables**

## Washing

Not all possible settings are given in the following, but only those that are useful and meaningful in everyday use.

Type of Washing, Care Symbol	Max. Load (Weight Dry) <sup>1)</sup>	Program Selector Temperature	Possible Additional Programs
Cottons	5 kg	(COTTONS/LINEN)	SOAKING
95	o kg	95	→   QUICK WASH
			STAIN
<b>Energy Saving Program</b>	5 kg	(COTTONS/LINEN) سیا	
Cottons (95)	3 kg	E ENERGY SAVING	<b>►</b> SOAKING
Linen	Eka	(COTTONS/LINEN) لسيا	SOAKING
60 40	5kg	30 to 60	→   QUICK WASH
			STAIN
		(EASY-CARES) 30 to 60	
Easy-Cares	2 Eka		SOAKING
	2.5 kg		→- QUICK WASH
			STAIN
		(DELICATES) 30, 40	■ PRE WASH
Delicates	2.5 kg		SOAKING
40	(or 15-20 m <sup>2</sup> Net Curtains)		→- QUICK WASH
			STAIN
Woollens/Hand Washing	2kg	(WOOLLENS/Hand Washing) \*J (COLD) to 40	

<sup>1)</sup> A 10-litre bucket contains about 2.5 kg of dry washing (cotton).

## **Separate Gentle Rinsing/Starching/Conditioning**

Type of Washing	Max. Load (Weight Dry)	Program Selector
Cottons/Linen	5kg	
Easy-Cares	2.5 kg	<b>B</b> Starching
Delicates	2.5 kg	5 510

## **Separate Rinsing**

Type of Washing	Max. Load (Weight Dry)	Program Selector
Cottons/Linen	5kg	
Easy-Cares	2.5 kg	Α
Delicates	2.5 kg	GENTLE RINSE
Woollens/Hand Washing	2 kg	

## **Separate Spinning**

Type of Washing	Max. Load (Weight Dry)	Program Selector
Cottons/Linen	5kg	<b>D</b> Spin
Easy-Cares	2.5 kg	_
Delicates	2.5 kg	F SHORT SPIN
Woollens/Hand Washing	2 kg	

## **Cleaning and Caring**

### Control panel

**Attention!** Do not use furniture care products or aggressive cleansers for cleaning control panels and control elements.

Wipe control panels with a moist cloth. Use warm water. 逐

### **Detergent drawer**

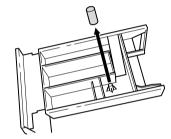
The detergent drawer should be cleaned from time to time.

1. Pull the detergent drawer out as far as it will go.

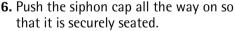
2. Remove the detergent drawer by pulling sharply.

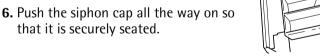
**3.** Remove siphon cap.

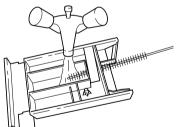
4. Clean the siphon cap under running water.



**5.** Clean compartments with warm water from the rear. For best results use a bottle brush.







- 7. Clean the entire compartment area of the washing machine with a brush.
- **8.** Set the detergent drawer into the guide tracks and push in.

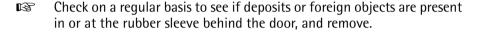
### Washing drum

The washing drum is made of rust-free stainless steel. Rusty objects in the washing drum may lead to rust deposits on the drum.

**Attention!** Do not clean the stainless steel drum with acid containing decalcifying agents, abrasives containing chlorine or iron, or steel wool. Appropriate cleansers are available from our customer service department.

Remove rust deposits at the drum with a stainless steel cleanser.

#### Fill-in door



### What to do when...

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The somewhat different, in comparison to older washing machines, whistling noise during spinning is due to the modern drive system.

A rattling sound on startup – in particular when using for the first time – is caused by the circulation pump and is due to the design.



### **Trouble Shooting**

In the event of a malfunction, try to eliminate the problem yourself with the help of the instructions listed here. If you request customer service assistance for one of the malfunctions listed here, or for an operator error, a charge will be billed for the customer service technician's visit, even during the guarantee period.

• If error code <code>E I, L2</code> or <code>Ld</code> appears at the multi-display, you may be able to eliminate the error yourself (see the following table of malfunctions).

After the error has been eliminated, press the  $\lozenge/\lozenge$  (START/PAUSE) button. If the error code is again displayed, contact customer service.

• Please contact customer service for all other error displays and inform them of the error code.

Malfunction	Possible Cause	Remedy
Washing machine does not work.	Mains plug is not plugged in.	Insert mains plug.
	House fuse in defective.	Replace fuse.
	Door is not closed properly.	Close door; lock must engage audibly.
	♦/♦ (START/PAUSE) button not pressed for long enough.	Press ♠/♠ (START/PAUSE) button until the program starts.
The machine does not	Tap is closed.	Open tap.
take in water. Fault code <b>[ !</b> is displayed.	Sieve in the threaded fitting on the water inlet hose is blocked.	Unscrew the hose from the tap, remove the sieve and clean under running water

Malfunction	Possible Cause	Remedy
Error code <b>E d</b> appears	Door is probably not closed properly.	Close the door again. Press the door firmly in the area of the lock.
	The height adjustable threaded feet are not correctly adjusted.	Adjust the feet as per the installation and connection instructions.
Washing machine	There is only very little washing in the drum (e.g. only a toweling dressing gown).	Function is not impaired.
vibrates during operation or is unstable.	Water could not be completely pumped out prior to spinning because the drain hose is kinked or the circulation pump is clogged.	Check the drain hose and if necessary remove any kink or clean the circulation pump and remove any foreign bodies from the pump housing.
Excessive foaming during the main wash	Probably too much detergent was used.	Dose detergent exactly in accordance with the manufacturer's instructions.
	Threaded fitting on the water inlet hose is leaking.	Screw the inlet hose tight.
Water runs out from	Drain hose is leaking.	Check drain hose and if necessary replace.
under the washing machine.	Circulation pump cover is not closed properly.	Close cover properly.
	Washing is trapped in the door.	Stop the program, remove washing from the door, start a new program.
Softener is not washed in, the \&J compartment for conditioner is full with water.	Suction cap in the compartment for conditioner is not correctly positioned or is blocked.	Clean detergent drawer, place suction cap firmly in position.
Washing is creased.	Too much washing was placed in the appliance.	Put less washing in the appliance.

Malfunction	Possible Cause	Remedy
Washing is not spun properly, water is still visible in the drum. Fault code [2] is displayed.	Drain hose is kinked.	Remove kink.
	Maximum pumping height (drain height 1 m above the floor on which the machine is standing) exceeded.	Please contact customer service who have a retrofit kit for pumping to heights of greater than 1 m.
	Circulation pump is blocked.	Switch off the machine and unplug from the mains, clean the circulation pump.
	In the case of siphon connection: siphon is blocked.	Clean siphon.
Door cannot be opened when the machine is switched off.	The door is locked for safety reasons (♣o/DOOR indicator is off).	Wait until the ⊷ (DOOR) indicator is green.
Remnants of detergent are building up in the detergent drawer.	Tap is not fully open.	Open tap fully.
	The sieve in the threaded fitting on the water inlet hose at the tap is blocked.	Clean sieve.
	Sieve on threaded fitting for the water inlet hose on the machine is blocked.	Clean sieve.
Rinse water is cloudy.	The cause is probably a detergent with a high silicate content.	No negative impact on the rinsing results, possibly use liquid detergent.
When an additional program button is pressed, the corresponding indicator does not illuminate.	The additional program selected cannot be combined with the program set.	Make another choice.

### If the washing results are not satisfactory

#### If the washing is grey and there are calcium deposits in the drum

- Too little detergent was used.
- The wrong detergent was used.
- Special soiling was not pre-treated.
- Program or temperature not set correctly.
- When using component detergents, the individual components were not used in the correct proportions.

#### If there are still gray stains on the washing

- Washing soiled with ointments, grease or oils was washed with too little detergent.
- Too lower temperature was used for washing.
- A common cause is that softener particularly that in concentrated form has got onto the washing. Wash out any such spots as quickly as possible and use that particular softener carefully.

#### If at the end of the last rinse foam is still visible

 Modern detergents can cause foam also in the last rinse. The washing is however sufficiently rinsed.

#### If there are white remnants on the washing

This is an insoluble material contained in modern detergents.
 This is not the result of unsatisfactory rinsing.
 Shake or brush the washing. Perhaps you should turn the washing inside out before washing in future. Reconsider choice of detergent, possibly use liquid detergent.

### Perform emergency drain

- If the washing machine no longer pumps out the water then an emergency drain must be performed.
- If the washing machine is located in a room in which below freezing temperatures might occur, emergency draining must be carried out if danger of freezing occurs.

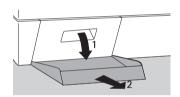
Furthermore, the inlet hose must be disconnected from the tap and laid on the floor.



**Warning!** Switch the washing machine off and pull the mains plug prior to emergency draining.

**Attention!** The water which runs out of the emergency draining hose can be hot. There is a danger of scolding! Before an emergency drain first allow the water to cool down!

- 1. Have a flat container on hand to catch the water running out.
  - **2.** Open the flap on the left of the pedestal cover downwards and remove.

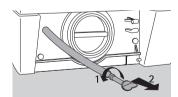


**3.** Remove the emergency drain hose from the bracket.



- **4.** Pull the emergency drain hose out a little.
- **5.** Place the container under the hose.
- 6. Undo and remove the plug in the end of the emergency drain hose by turning it in an anti-clockwise direction.

  The wash-water runs out. Depending upon the amount of water, it may be necessary to empty the container several times. Temporarily close the emergency drain hose with the plug to this end.



#### When the water is completely drained:

- **7.** Press the end stop firmly back into the emergency drain hose.
- **8.** Push the emergency drain hose back in a little and allow it to snap into the mounting.
- 9. Put on the flap and close.
- The ECO valve does not function when the machine has been fully emptied. Therefore add approx. 1 liter of water before the next wash (pour in through the detergent drawer).

### Clean the circulating pump



**Warning!** Switch off the washing machine and pull the mains plug before cleaning the circulation pump!

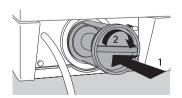
- 1. First perform emergency draining (see above: "Perform Emergency Drain").
  - **2.** Lay a cloth on the floor in front of the circulation pump cover. Some water may run out.
  - **3.** Unscrew the circulation pump cover in an anti-clockwise direction and remove.
  - **4.** Remove foreign body from the pump housing.



**5.** Check whether it is possible to turn the pump impeller. (Jerky pump movement is normal.) If it is not possible to turn the impeller, contact customer service.



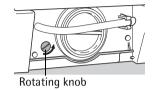
- **6.** Replace cover (insert stud on the cover into the guide slot) and tighten in a clockwise direction.
- **7.** Close emergency drain hose, push in and fix in place.
- 8. Close the flap.



### Emergency release for fill-in door

If the fill-in door can no longer be opened (e.g. due to a defective door release or power failure during the washing program), it can be opened with the help of the emergency release.

- 1. If water can be seen at the window in the fill-in door, perform emergency draining first (see "Perform emergency drain").
  - **2.** Turn the knob in an anti-clockwise direction with the aid of a coin or with a screwdriver.
  - **3.** Open the door by pulling on the door handle.



### Additional Rinse and/or Water Cooling

The washing machine is set up for extremely low water consumption.

- For people who suffer from an allergy to detergents, it can be useful to rinse with more water (additional rinse).
- It can be necessary to cool down the water prior to pumping out in order to avoid thermal damage to plastic waste pipes (water cooling).
- The program duration and water consumption are increased by water cooling and/or the additional rinse.

### Additional Rinse (RINSE +)

If this function is enabled, an additional rinse in performed for the programs \( \bigcup\_{\omega} \) (COTTONS/LINEN), \( \bigcup\_{\omega} \) (DELICATES) and \( \bigcup\_{\omega} \) (EASY-CARES).

As supplied from the factory, the additional rinse function is not enabled.

#### **Enabling the additional rinse function:**

- 1. Turn the program selector to F (SHORT SPIN).
  - 2. Press the (SOAKING) button for at least 5 seconds.

    After the button has been kept pressed for 5 seconds, + (RINSE+) flashes on the program progress indicator for 5 seconds.
  - 3. Release the (SOAKING) button while + (RINSE+) is flashing. The additional rinse function is enabled once the flashing has ceased. It continues to be enabled until specifically disabled. When the additional rinse function is enabled, the + (RINSE+) indicator on the program progress display illuminates prior to program start and during the additional rinse.
  - **4.** If you wish to check whether the additional rinse function is enabled:
    - Turn the program selector to **F** (SHORT SPIN).
    - Press the (SOAKING) button briefly.

If + (RINSE+) flashes on the program progress display, the additional rinse function is enabled.

#### Disabling the additional rinse function:

- 1. Turn the program selector to F (SHORT SPIN).
  - 2. Press the (SOAKING) button for at least 5 seconds.

    As soon as the button is pressed, + (RINSE+) flashes on the program progress display. After 5 seconds + (RINSE+) ceases to flash and illuminates continuously for a further 5 seconds.

3. Release the (SOAKING) button whilst + (RINSE+) is continuously illuminated.

Once + (RINSE+) has ceased to be illuminated, the additional rinse function is disabled.

### **Water Cooling**

The water is cooled prior to pumping out at the end of the main washing cycle (by adding cold water). (This setting is only effective for (COTTONS/LINEN) at a temperature of over 40 °C.)

As supplied from the factory, the water cooling function is not enabled.

### Enabling the water cooling function:

- 1. Turn the program selector to F (SHORT SPIN).
  - 2. Press the (PRE WASH) button for at least 5 seconds.

    After the button has been kept pressed for 5 seconds, (MAINWASH) flashes on the program progress indicator for 5 seconds.
  - **3.** Release the (PRE WASH) button while (MAINWASH) is flashing. Once the indicator has stopped flashing, the water cooling function is enabled. It continues to be enables until specifically disabled.
  - **4.** If you wish to check whether the water cooling function is enabled:
    - Turn the program selector to F (SHORT SPIN).
    - Press the (PRE WASH) button briefly.

      If the (MAINWASH) indicator on the program progress display flashes, the water cooling function is enabled.

#### Disabling the water cooling function:

- 1. Turn the program selector to F (SHORT SPIN).
  - 2. Press the (PRE WASH) button for at least 5 seconds.

    As soon as the button is pressed, (MAINWASH) flashes on the program progress display. After 5 seconds (MAINWASH) ceases to flash and illuminates continuously for 5 seconds.
  - 3. Release the (I) (PRE WASH) button while (MAINWASH) is continuously illuminated.

    Once (MAINWASH) has ceased to be illuminated, the water cooling

Once (MAINWASH) has ceased to be illuminated, the water cooling function is disabled.

### Additional Rinse and Water Cooling

The additional rinse and water cooling functions can be combined. Enable as under "Additional Rinse" and "Water Cooling".

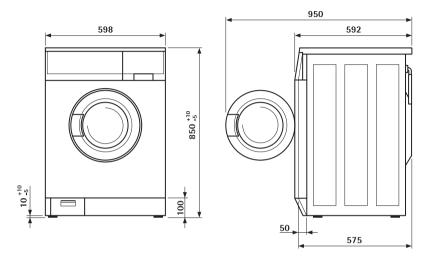
# INSTALLATION AND CONNECTION INSTRUCTIONS

# **Installation Safety Precautions**

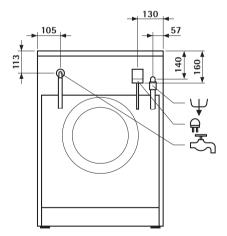
- Do not tip the washing machine over the front or the left side (seen from the front). Electrical components could become wet!
- Check the washing machine for transport damages. You should never connect a damaged appliance. In the event of a damage consult your dealer.
- Make certain that all shipping braces have been removed and that
  the splash guard is attached to the appliance, see "Shipping Brace
  Removal". Otherwise damage may occur to the machine or close by
  furniture during the spin cycle.
- The plug may only be inserted into a properly installed earthing contact safety socket. Extension cables, octopus plugs or adapters may not be used.
- For permanent connection a current interruption device must be provided for in the electrical circuit (fuse, circuit breaker, ground fault circuit interrupter or the like) with a contact opening of at least 3 mm which allows for disconnection of the appliance at all poles. Permanent connection may only be carried out by an authorised electrician.
- Before starting your appliance please ensure that the nominal voltage and type of current specified on the rating plate are the same as those used at the place of installation. Please also refer to the rating plate for the type of fuse to be used.
- Prior to carrying out modifications on the appliance (on the worktop or front door) pull out the mains plug.
- The mains feed-line may only be replaced by the customer service or by an authorised electrician.

# Dimensions of the appliance

# **Front and Side Views**



# **Rear View**



# Installation of the appliance

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Washing machines with arched covers are **not suited for installation beneath countertops**.

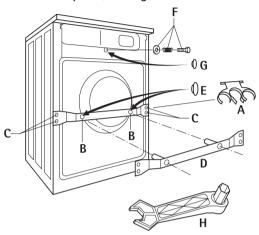
# Transporting the appliance

- Do not lay the washing machine on the front or on the left side (seen from the front); otherwise the electrical components could become wet!
- Never transport the appliance without transportation protection. Remove the protection only at the place of installation! Transportation without protection can lead to damages to the appliance.
- Neither lift the appliance by an open door nor by the base.
- The appliance weighs approx. 85kg.
- By transportation with a trolley: Place the trolley only sidewise.

# Remove transportation protection

**Attention!** Be absolutely certain that all shipping braces have been removed before installing the appliance.

Store all shipping braces in a safe place in case they are required for future transport (moving).



- Special spanner H and cover caps E (2 off) and G (1 off) are supplied with the appliance.
- 1. Remove flexible tubing holder A.
  - 2. Remove the two screws B with special spanner H.
  - 3. Remove the four screws C.
  - 4. Detach transportation rail D.
  - **5.** Close the two large openings with the cover caps E.

**Attention!** Press cover caps forcefully in, so that they snap into the rear wall (protecting the interior of the appliance against sprayed water).

- **6.** Drive in the screws C into the four small holes again.
- **7.** Remove the screw and compression spring F with special spanner H, cover the hole with caps G.

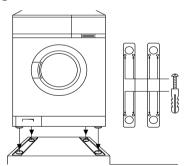
**Attention!** Press cover caps forcefully in, so that they snap into the rear wall (protecting the interior of the appliance against sprayed water).

# Prepare the installation place

- The installation surface must be clean and dry, free of floor wax and other smearing substances, so that the appliance does not slip off. Do not use any lubricant as sliding aid.
- Installation on a high-veil carpet or floor tiles with soft sponge backs is not recommended because the standing safety of the appliance is then no longer ensured.
- By installation surfaces with small-format tiles, lay a conventional rubber mat underneath.
- Small unevenness of the floor surface should never be levelled out by laying pieces of wood, carton or similar elements, but rather basically compensated by adjusting the screw feet.
- When it is unavoidable to install the appliance besides a gas or a coal-fuelled cooker, due to spatial reasons: insert a piece of heat-insulating board (85 x 57 cm) between the cooker and the washing machine; the board side facing the cooker must be provided with an aluminium foil.
- The washing machine may not be installed in a frost-endangered room. Frost-caused damages!
- Flexible feed and drain tubings may not be crinkled or squeezed.

## Installation on a concrete base

When installing on a concrete base, for safety reasons it is imperative that steel plates are installed, the washing machine is then installed in these plates. The steel plates are available from customer service under ET-No. 645 425 058.



# Installation on vibrating floors

In the case of floors that vibrate, especially wooden floors with floor-boards that flex, a water-proof wooden panel of at least 15 mm thickness must be firmly screwed to at least 2 floor beams. If possible, install the appliance in a corner of the room: the wooden floor is more firmly supported in the corners and thus has less tendency to resonant vibration.

# Levelling on uneven floors

Using the four adjustable threaded feet, compensation can be made for unevenness in the floor and the height of the appliance adjusted. The height can be adjusted over the range +10... -5 mm.

To adjust the feet use the special spanner supplied for removing the transport braces.

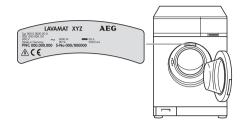
- 1. Slide the special key firmly onto the hexagon head of the threaded foot all the way to the stop.
  - **2.** Adjust the threaded feet so that the appliance is level and sits stably. The appliance must not rock across the corners when operating under load.
  - **3.** If necessary, check positioning with a spirit level.

**Important!** Never compensate for small areas of unevenness in the floor through the use of wooden wedges, cardboard or the like. Levelling should only ever be performed by adjusting the feet.

# **Power supply**

Details on the mains voltage, type of current and the necessary fuse protection are to be found on the rating plate. The rating plate is above and behind the door.

For permanent electrical connection within the electrical



circuit, provisions must be made which allow for electrical disconnection of the appliance from the mains with a contact opening of at least 3 mm at all poles. Suitable devices include circuit breakers, fuses (threaded fuses must be entirely removed from the socket), ground fault circuit interrupters and contactors. Permanent connection may only be carried out by an authorised electrician.



- This appliance conforms to the following EC directives
- "Low-Voltage Directive" 73/23/EWG dated 19 February 1973 and Directive amendment 93/68/EWG
- "EMC Directive" 89/336/EWG dated 3 May 1989 and Directive amendment 93/68/EWG

# Water connection

The washing machine is provided with safety devices which prevent reverse pollution of drinking water and conform to the State regulations issued by water supply authorities (e.g. in Germany: DVGW Directives). Further protective measures in the installation are hence unnecessary.

**Attention!** Appliances for cold water connection may not be connected to warm water!

# Permissible water pressure

Water pressure must be equal to a least 1 bar (=  $10 \text{ N/cm}^2 = 0.1 \text{ MPa}$ ), and no more than 10 bar (=  $100 \text{ N/cm}^2 = 1 \text{ MPa}$ ).

- By more than 10 bar: connect a pressure reduction valve upstream.
- By less than 1 bar: Unscrew the flexible inlet tubing on the magnetic inlet valve on one side of the appliance and remove the flow meter (thereby remove the sieve by means of a pair of pointed pliers and then remove the rubber washer behind it). Remount the sieve.

# Water feed

A flexible pressure tubing of 1.3 m length is supplied.

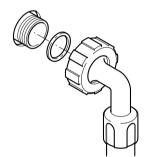
If a longer feed tubing is needed, a complete VDE-approved tubing set with mounted screw connections, supplied by our customer service, should be used exclusively.

- For washing machines without Aqua-Control, tubing sets are available in lengths of 2.2 m, 3.5 m and 5 m.
- For washing machines with Aqua-Control, tubing sets are available in lengths of 2.0 m, 2.9 m and 3.9 m.

**Attention!** Under no circumstances may tubing be pieced together for the purpose of lengthening!

- Sealing rings are either inserted in plastic nuts of the tubing screw connection or contained in an accompanying packet. Do not use other seals.
- 1. Connect the angled hose connector to the machine.

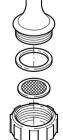
**Attention!** Plastic nut at the tube coupling may only be hand tightened.



**2.** Connect the straight hose connector to a water tap with an R 3/4 (inch) thread.

**Attention!** Only tighten the plastic nuts on the hose connectors by hand.

**3.** By opening the water tap slowly prior to the initial operation, check whether the connection is tight.



### Water drain-off

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The drain-off tubing can be connected either to a siphon or be hanged in a washing or sink basin or in a bathtub.

For extension (max. 3 m floor length and up to 80 cm high) only original tubing may be used. The customer service supplies drain-off tubing of 2.7 and 4m lengths.

## Water drain-off inside a siphon

The spout at the end of the tubing fits all common siphon types. Make the connection spout/siphon secure with a tubing clip.

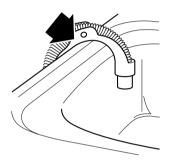
### Water drain-off inside a basin

For hanging in a wash basin, sink or bath, the drain hose must be prevented from moving using the detachable elbow supplied.

The tube could otherwise be pushed out of the basin by the reactive force imparted by draining water.

Small sink basins are not suitable!

Fasten the elbow on the water tap or on the wall by means of the hole.



# Delivery heights above 1 m

Every washing machine is provided with a suds pump for draining the washing/rinsing suds, which can deliver liquids via the drain-off tubing up to a height of 1 m, measured from the standing level of the machine.

For delivery heights above 1m please establish contact with the AEG customer service

# Technical data

Height x Width x Depth 85x60x60cm Depth with open door 95cm

Height adjustment approx. +10/-5 mm

Weight when empty approx. #10/-511111

Load (depending on the program) approx. 65kg

Area of use Household

Wash cycle drum speed max. 53 min<sup>-1</sup> r.p.m.

Spin cycle drum speed see type plate

Water pressure 1-10 bar  $(=10-100 \text{ N/cm}^2 = 0.1 - 1.0 \text{ MPa})$ 

# SERVICE DEPARTMENTS/ GUARANTEE CONDITIONS

#### Weitere Kundendienststellen im Ausland

In diesen Ländern gelten die Garantiebedingungen der örtlichen Partner. Diese können dort eingesehen werden.

# Further after-sales service agencies overseas

In these countries our AEG agents' own guarantee conditions are applicable. Please obtain further details direct.

### Autres agences étrangères assurant le service après-vente

Dans ces pays, les conditions de garantie des concessionnaires de la région sont valables. Vous pouvez les consulter sur place.

### Otros puntos de Postventa en el extranjero

En estos países rigen las condiciones de nuestros representantes locales. las cuales pueden ser consultadas allí mismo.

#### Ulteriori uffici del servizio tecnico assistenza clienti all'estero

In questi paesi sono valide le condizioni di garanzia dei partner locali. Queste condizioni possono essere esaminante sul luogo.

## Serviços de assistência técnica no estrangeiro

Nestes países são válidas as condições de garantia dos concessionários locais, podendo aí ser consultadas.

U.A.E. Abu Dhabi	Jordan	Malta
<b>Universal Trading Company</b>	Jordan Household	ITC
P.O. Box 43 99	Supply Co. Ltd.	International Trading Com-
Tel.: 335331	P.O. Box 3/68	pany
	Amman/Tel.: 69 70 50	White House Building
		Mountbatte Street
		Blata L-Bajda/Tel.: 220644

Egypt	Kanada	Mauritius
Middle East Commercial	EURO-LINE Appliances	Happy World Centre Ltd.
Center	2150 Winston PARK Drive 20	P.O. 7 54
P.O. Box 19	Oakville, Ontario L6H 5V1	1 Chausee Street
Kairo-Heliopolis	Tel.: 905 829 3980	Port Louis
Tel.: 29917/31634	Fax: 905 829 3985	Tel.: 25355

#### Australia

ANDI-Co Pty. Ltd 9 Kingston Town Close Oakleigh VIC 3166 Tel.: (03) 9569 1235

Tel.: (03) 9569 1235

Fax: (03) 9569 1450

# Bahrain/Arabian Gulf

A.A. Zayani & Sons P.O. Box 9 32 Bahrain

Tel.: 261060

#### Bulgaria

Electrolux Bulgaria E.O.O.D. 91 Levski Blvd.

1000 Sofia Tel.: 2 806676

Fax. 2 980 5276

#### Cyprus

Servilan Co. Ltd. P.O. Box 36 05 77, Kennedy Ave.

Nicosia Tel.: 311 477

#### Estonia

Electrolux Estonia Ltd. Mustamäe tee 24 EE0006 Tallinn

Tel.: (372) 6 650 090 Fax: (372) 6 650 092

#### Hongkong

Wo Kee Services Ltd. 585-609 Castle Peak Road Kwai Chung N.T. Hongkong

Tel.: 2494 4000

# Korea (South)

Core Incorp. 3/F Chewoo Bldg. 200 Nonhyun-Dong Kangnam-Ku

Seoul

Telefon 82 2 549 89 61

#### Croatia

Electrolux D.O.O. Suplova 7 10000 Zagreb Tel.: 1 61 19512

Fax: 1 61 19513

#### Kuwait/Arabian Gulf

Ali Al-Ghanim Est. P.O. Box 10 83 Tel.: 5322463

Fax: 5242114

#### Lebanon

Adib & Assaferi P.O. Box 539 Tripoli

#### Latavia

Electrolux Latavia Ltd. Terlaton Street 42/44 1011 Riga

Tel.: 371 2 297821 Fax: 371 2 821286

#### Lthuania

Electrolux Lthuania Verkui 29 2600 Vilnus

Tel.: 372 272 3326 Fax: 372 272 3366

#### Namibia

AEG NAMIBIA (PTY) LIM-ITED-Jeppe Street Northern Industrial Area Windhoek

Tel.: (061) 21-6082/4 Fax: (061) 217838

#### **New Zealand**

Euro-Life New Zealand Ltd. Privat Bag 58 Symonds Street Auckland

Tel.: (09) 525 2222

#### **Nouvelle Caledonie**

Socometra N.C. B.P. 483 Nouman Tel.: 275444

#### Oman

Moshin Haider Darwish P.O. Box 1 35 Muscat Tel.: 703743

#### **Poland**

Electrolux Poland Sp. zo.o. ul. Domaniewska 41 02-034 Warszawa tel.: 022 874 33 33 fax: 022 874 33 00

#### Russia

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# **SERVICE**

If a malfunction should occur at the appliance, refer first to the section "What to do when ..." in these user instructions. If you do not find any applicable instructions there, contact your customer service centre. (Addresses and telephone number can be found in the "Service Departments" section.)

Be well prepared before you phone. This facilitates the diagnosis and the decision as to whether a customer service visit is necessary. With our checklist you can gather important information before making your call:

Make a note of the PNC number and the S-number.

Both of these number can be found on the rating plate on the inside of the door of your washing machine.



PNC	
S-No.	

In addition to this please establish if possible:

- How is the malfunction noticeable?
- Under what circumstances does the malfunction occur?
- Do an error message (£ and an number) appear in the multi-display?

# You will be charged even during the warranty period

- if you could have corrected the malfunction yourself with the help of the malfunctions table (see "What to do when ..." section),
- if the customer service technician is required to make several trips because he had not received all relevant information before his visit, and must return, for example, to pick up replacement parts. This additional driving can be avoided if your telephone call is well prepared, as described above.

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